

Take to the skies
with the latest
LEGO TECHNIC
Starter sets



The wait is over!
Are you a winner in the
GREAT LEGO TECHNIC Challenge?
See the winning model
and Building Plan

How do they do that?
From Icarus to Branson -
what you didn't know
about flight

TRING zooms in on another
real smart LEGO TECHNIC builder

PLUS!

Look out for more cool models
from LEGO TECHNIC later this year -
read about it all in this issue!

LEGO Technic

LEGO

AVAILABLE NOW

IN THE SHOPS

Charlie 1,
this is
Echo 7.....

LEGO TECHNIC
STARTER SETS GET YOU
INTO THE ACTION -
FAST! THE TWO SKY-BORNE
SPEEDSTERS FEATURED HERE
ARE THE EAGLE 1 (8232)
HELICOPTER AND VTOL
(8222) VERTICAL TAKE-OFF
AND LANDING AIRCRAFT -
TWO MACHINES THAT'LL
MAKE YOU WANT TO REACH
FOR THE SKY!

WHIRRRRRR

WITH EAGLE 1 ON
PATROL, ANYTHING
CAN HAPPEN!

PRESS
&
PLAY

Eagle 1
(8232) sky
patrol Clear for
take off!

FOR
MAXIMUM FUN

both sets make alternative models. Eagle 1 (8232) builds
into a high-speed racer while VTOL (8222) remodels as a
hovercraft. Both the alternatives can be motorised with
the LEGO TECHNIC 9V motor set, 8720.

THE EAGLE HAS
LANDED! TIME TO
REBUILD INTO.....

THE
HELICOPTER'S
GOT A COOL
PUSH-ACTION
DRIVE TO POWER
UP THE MAIN
AND TAIL
ROTORS!

.....RACER
MODEL! OVER TO
YOU, VTOL!

WHOOOOOSH!

2

W!

IT'S THE NEW
V-TOL!
FANTASTIC!



WHIRRRRR

THIS NEW LEGO
TECHNIC VTOL (8222)
IS FANTASTIC!

ADJUSTABLE PROPELLERS
AND WINGS LET ME GET
UP AND AWAY FAST...AND
BOLDLY LAND WHERE NO
LEGO TECHNIC PILOT HAS
GONE BEFORE!

ZOOOM!

AND WHEN
VTOL
TOUCHES
DOWN....

NOW FOR SOME HOVER-
SPEED ACTION, AS I
REBUILD MY MEAN
MACHINE INTO A
HOVERCRAFT! FANCY
A BURN-UP EAGLE?

ZZZOOOM!

Get
in on
the action
now, with the
LEGO TECHNIC
Eagle 1 (8232) and
VTOL (8222)!



Taking to the Skies

Man has always had a wish to fly like the birds. Ancient Greek legend tells how Daedalus built wings so that he and his son Icarus could fly. But Icarus flew too near the sun and the wax holding the wings together melted and he fell to his death.



Aeroplanes as we know them (well, almost as we know them!) first took to the skies this century.

Wilbur and Orville Wright were the first people to get a manned aeroplane off the ground in 1903. The brothers used a lightweight petrol engine to power their craft and controlled the flight using wires to twist the plane's two sets of wings.

The first hot air balloon (ball) was in France in 1783 when the **Montgolfier brothers**

sent aloft a sheep, a duck and a cockerel! Later that year, the brothers put two people into the air. They flew for 25 minutes at a height of 500 feet (152 metres).



After the First World War, flying became a popular activity. Many records for long-distance air travel were established, including the first solo flight from England to Australia, made by **Amy Johnson** in 1930, flying a small de Havilland Gypsy Moth aeroplane.



Cheer up Richard, here's a copy of **LEGO TECHNIC** magazine!

Ballooning is still popular today and earlier this year the businessman **Richard Branson**, who runs the Virgin empire, attempted to be the first balloonist to fly around the world in the Virgin Global Challenger. The attempt had to be stopped because of technical problems during the flight, but with the record still unclaimed, Richard Branson is bound to be back!



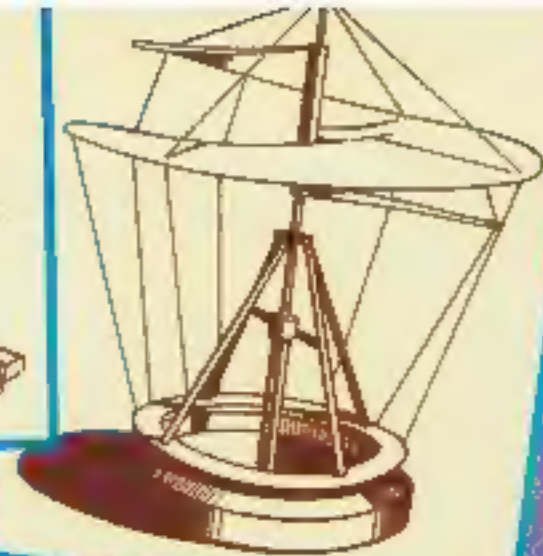
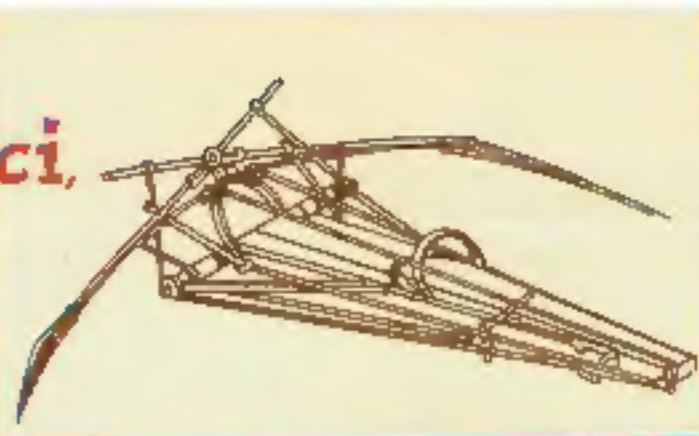
During the Second World War (1939-45), aeroplanes played a bigger role with powerful aircraft like the Supermarine **Spitfire** designed to travel very fast and out-maneuvre the enemy!

Courtesy of BFI Stills, Posters and Designs

The famous artist

Leonardo da Vinci,

who was born in 1452, drew the first plans for flying machines. As far as we know, he never built any of them and they would have been far too heavy to fly. But one of Leonardo's sketches is similar to a modern helicopter and if he'd been able to use today's lightweight materials, or had his own LEGO TECHNIC set, who knows what might have happened!



MICROLIGHTS



Other types of aircraft include the microlight - these small planes are used for jobs like crop spraying as well as for fun. They have very light but strong wings and are powered by a small engine.

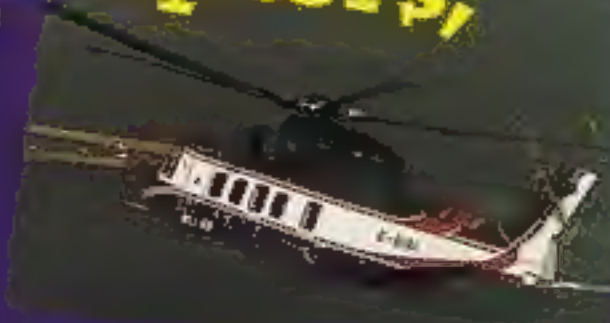


Photograph from British Airways

An aeroplane powered by a rocket had already travelled faster than sound, at supersonic speed, in 1947 and the world's first supersonic passenger jet, **Concorde**, first flew in 1969. Today, Concorde cruises at around 1,350 miles per hour (2,172.5 kmh) and last year set a new speed record for crossing the Atlantic Ocean, flying from New York to London in just 2 hours 52 minutes and 59 seconds!

like the LEGO TECHNIC Eagle 1 (8232), are a very manoeuvrable type of aircraft, where the "wings" spin around! The rotor blades are actually revolving wings, which lift the machine into the air as they spin. Helicopters can take off and land vertically,

Helicopters,



Courtesy of GKN Westland

and can hover in a fixed position, which makes them ideal for rescue work or landing in difficult places like oil rigs or rooftops.

Another type of aircraft that can take off vertically is the **Harrier Jump Jet**.

The plane can alter the angle of its powerful thruster jets to push the plane straight upwards rather than forwards.

Our **LEGO TECHNIC (8222) VTOL**

(it stands for vertical take off and landing) uses a similar idea to the Harrier to alter the angle of its propellers for vertical use or normal flight.

Courtesy of Cpl John Cassidy, RAF Strike Command

HIGH FLYING COMPETITION

1ST PRIZE

Trip to LONDON HEATHROW AIRPORT VISITORS' CENTRE
PLUS LEGO TECHNIC Eagle 1 (8232) AND VTOL (8222) sets

2ND PRIZE

Five prizes of LEGO TECHNIC Eagle 1 (8232) sets

RUNNERS UP PRIZES

Ten prizes of LEGO TECHNIC VTOL (8222) sets

AIRPORT DAY-OUT!



To enter the competition, drop us a postcard telling us who were the first people to fly an aeroplane.

- a) the Wright brothers
- b) the Montgolfier brothers
- c) the Warner brothers

Send your entries on a postcard only to:
Flying Brothers Comp,
LEGO TECHNIC Magazine,
LEGO UK Ltd, Wrexham
LL13 7TQ.

CLOSING DATE:
31st May '97

Good Luck!

HERE THEY COME

THE RESULTS OF THE GREAT LEGO

LEGO TECHNIC BUILDING



GREAT CHALLENGE

LEGO TECHNIC BUILDING

RESULTS

for the

We asked if you were cool enough for the **biggest, bestest, champion building challenge** around - and you were! We had sacks full of pics coming in with loads of models - all made from a limited range of TECHNIC pieces, plus six components you could choose!

It would have been brilliant if everyone could have won, but we ain't got enough prizes for that, dudes!

So here they are.....

the winners!!

1st PRIZE

ROHAN TERRILL, AGED
11, FROM WOODCHURCH, KENT
GETS HIS DESIGN
FEATURED AS OUR BUILDING
PLAN AND WINS A
LEGO TECHNIC 8299
NAUTILUS SUBMARINE
SET WITH CD ROM!

**TEN RUNNERS-UP EACH RECEIVE A SPECIAL
LEGO TECHNIC BUILDING CHALLENGE CERTIFICATE!**

Oliver Rumbelow, Deal
Amanjit Dulas, Birmingham
Sam Thursfield, Oswestry
Dimitris Xydos, Windsor
Oliver Vaughan-Jones,
Montgomery

Neil Adams, Hornchurch
Richard Carless, Chilton
Murray Anderson, Carlisle
Timothy Farmer, Reading
Zachary Burgess, Needham
Market.

NGRW

CHECK IT OUT!



WICKED!

CHALLENGE winner Rohan Terrill gave LEGO TECHNIC Magazine an EXCLUSIVE INTERVIEW on how it feels to be LEGO TECHNIC's TOP builder!

LEGO TECHNIC Magazine:
So, Rohan, how does it
feel to be the winner?

Rohan: Brilliant!

LTM: Did you think you
would win?

Rohan: No. It was a
complete surprise!

LTM: Was it hard to find
a good design with only
a few pieces to choose
from?

Rohan: Not really.
When I saw the
wheels, it just said
'car'! I've got a lot
of LEGO TECHNIC
sets, so I also had
a large choice of
extra elements.

LTM: Have you let
any of your
friends in on the
news that you're
the winner?

Rohan: My teacher
put a notice up in
school, so they all know!
Then I had to stand up
and tell the whole
school about it!

LTM: Wow! Were you
nervous?

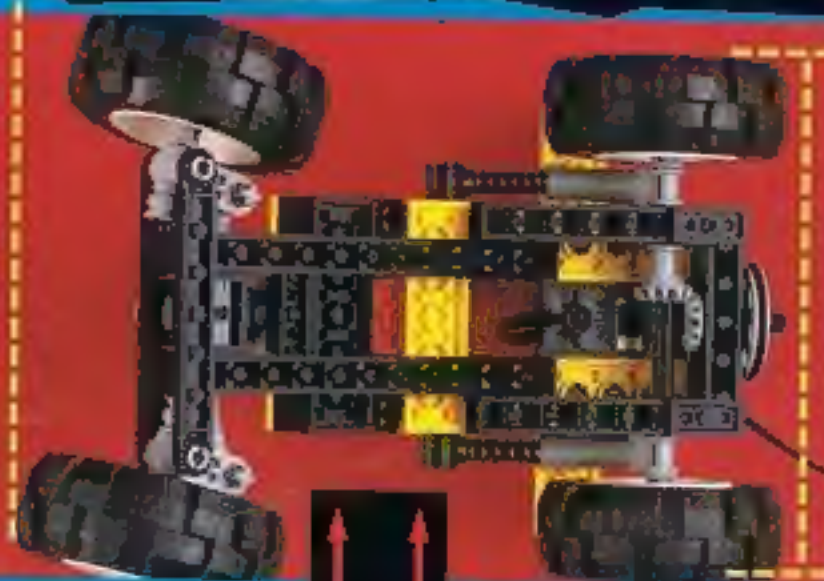
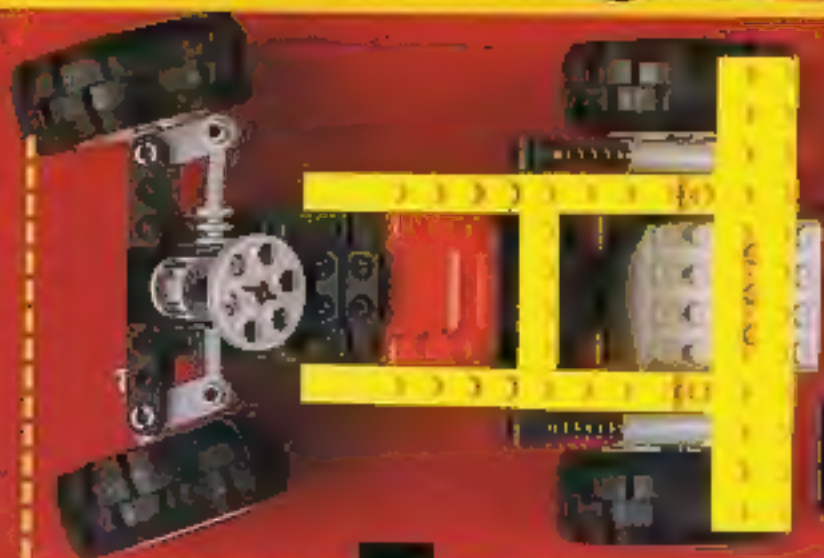
Rohan: They didn't tell
me I had to do it until
five minutes before, so I
wasn't really worried.

LTM: How long have you
been building with LEGO
TECHNIC?

Rohan: I got my first set
when I was about four. It
was a big crane, but my
Dad helped me to build it!

LTM: What other LEGO
TECHNIC models do you
enjoy building?

Rohan: Cars, mainly. I
made one that splits in
half after I saw one do
it in a film. It had
separate steering for
each side. I also like
building boats.



LTM: Your prize of a
LEGO TECHNIC Nautilus
submarine should be
just right then! It comes
with CD Rom building
instructions, so you can
see how it all fits
together!

Rohan: Thanks, that's
really cool!

LTM: Have fun with the
submarine and CD,
Rohan. Thanks for
talking to us!

Judging Panel member Soren
Holm, from LEGO Product
Development in Denmark, told us
what the Panel was looking for
when they chose the winners.

Really we were looking for
the things that we build into
any new LEGO TECHNIC model
- imagination and interesting
use of components. In the
end, Rohan's model was the
one we liked most and it is
the type of design that could
be developed into an actual
LEGO TECHNIC set.

"Everyone who went to the trouble of
building and photographing their model
showed some of the things we were looking
for and we could have awarded the prizes
many times over! The competition was so
successful that we're looking into running
another one next year!"



TECH TALK

TECH TALK with Tring

Tring's been buzzin' down his line again. He's been doin' his 'bizness' - seeking out LEGO TECHNIC builders and sizing them up for LEGO TECHNIC MAGAZINE.

Tring's identity is hidden from us. All we know is that he's a LEGO TECHNIC fanatic, hungry for any gen he can get on other LEGO TECHNIC builders. His phone calls could strike any one of you reading now!

So if you want him to pick you out, send in photographs of your favourite LEGO TECHNIC models for Tring's attention - we'll make sure he gets them.

This month, Tring's shout goes out to Peter Burman. Not only did Peter send us a photograph of his finished Speed Buggy - he did his own building plan, too!

Tring: Hi, Peter! Before we get onto the technical details, tell us something about yourself.

Peter: Well, I'm 12 years old, I live in Ashford, Middlesex and I really enjoy building with LEGO TECHNIC!

Tring: Glad to hear it, Peter. This is a seriously cool model you've sent us. Can you tell us something about it?



BUILD
IT
YOURSELF
STEP BY
STEP



ZZZOOOM!



Peter: It's a Speed Buggy, so it's designed to go fast! The steering wheel works and is linked to the front wheels and there's a roll-bar in case of accidents!

Tring: The building plan was very detailed. Did you find it difficult to do?

Peter: I had to think hard about how it should look, but I really enjoyed doing it.

Tring: What other types of model do you like building?

Peter: I like all-terrain racers, like the Buggy, and any type of fast car!

Tring: I can tell that from the Speed Buggy! Would you like to drive something like that yourself when you're older?

Peter: Yeah! That would be brilliant!

Tring: Nice talking to you, Peter. Thanks for all the info!

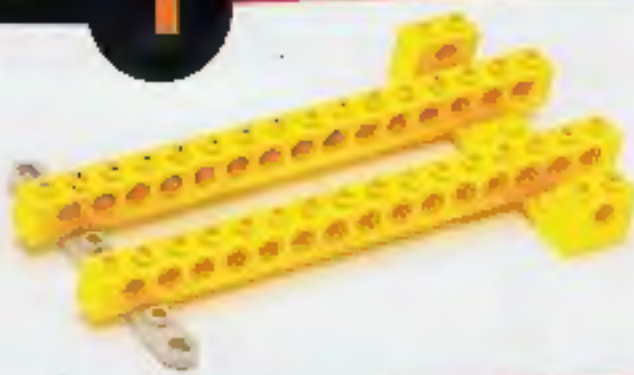
That's all for now, but here's a building plan of Peter's Speed Buggy, if you wanna make one yourself!

Signed,

Tring



1



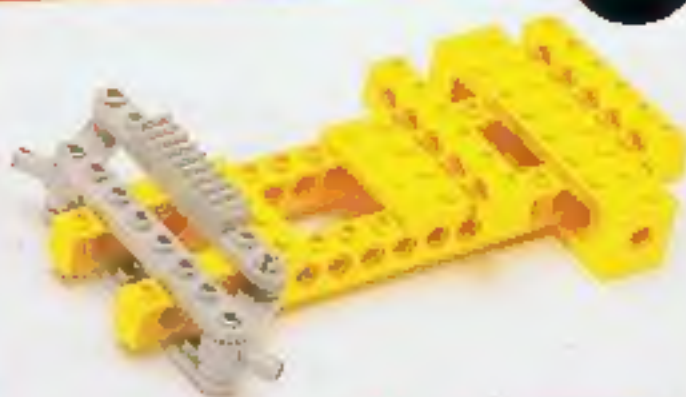
4



2



3



5



THIS BUBBY GETS
THE THUMBS-UP
FROM THE
TECHNIC TEAM!



NEWS FROM


LEGOLAND
WINDSOR

There's a **MONSTER SURPRISE** in store at LEGOLAND Windsor from May onwards, in the shape of a **SEVEN METRE HIGH LEGO TECHNIC DINOSAUR!**

The monster is the latest addition to LEGOLAND's brilliant range of working models, and the giant lizard is designed to make a menacing grab at passengers

on the **Sky Rider** - another of the new attractions!

Luckily, the precision engineering and high-tech electric motor systems make sure the giant-size jaws never reach travellers!

The model is constructed from scaled-up LEGO TECHNIC components, and while you'll recognise the shapes and building techniques, the size - 20 times bigger than normal LEGO TECHNIC - is awesome!

The mean and moody effect is completed by steam coming from the monster's mouth!

We'll tell you more about this **LEGO TECHNIC TERROR** in a future magazine!

LEGOLAND WINDSOR HOTLINE NUMBER:
0990 040404

COMING SOON!

NEW LEGO TECHNIC
advanced sets **IN THE NEXT ISSUE!**



The set also builds into a robot which can be motorised with set number 8735.

SIERRA NEVADA



A rugged rover vehicle can also be built.

SAHA

The LEGO TECHNIC Sierra Nevada IV (8414) keeps the action off road! Sierra Nevada is Spanish for snowy mountains, and this cool half-tracked vehicle will make short work of steep slopes and snow drifts! Advanced suspension absorbs the knocks, while all terrain front tyres keep things on course. A V2 motor and rear caterpillar tracks provide the staying power!

TECHNIC

Caps & Books Giveaway!

We've got six copies of the brilliant book "Timelines: Flight", published by Franklin Watts. PLUS super-cool baseball caps courtesy of Richard Branson's Virgin Atlantic airline to give away!

"Flight" tells you everything you could want to know about all types of flying machines, while the Virgin Atlantic caps are seriously cool kit!

No hard questions for this one...the first six entries we pull out of the hat win a book and a hat!



To enter, send a postcard to Hats & Books Comp, LEGO TECHNIC Magazine, LEGO UK Ltd, Wrexham LL13 7TQ.

Remember to put your name, age, address and LEGO TECHNIC Club membership number on your entry!

Closing date: 31st May '97



DUNE-BUSTING is no problem for the LEGO TECHNIC Sahara Blaster (8437)! This tough off-roader is named after the huge Sahara Desert in Africa and features rear suspension and a V engine. The four cylinder unit can be taken out and replaced with the 8735 motor for powered-up action!

Robo-Comp Winners

1st Prize: Titus Leo of Bodmanchester, Cambridgeshire wins a LEGO TECHNIC Robochopper (8277) PLUS a trip to the Ford Motor Company's Dagenham plant to see real robots at work!



2nd Prizes of LEGO TECHNIC Eagle 1 (8232) sets go to: Edwin Broyd, Warlingham; Oliver Barrett, Swansea; Mathew Proctor, Chorley; Robert Keates, Lewes; and Cameron Tait, Earlston.

Runners-up prizes of LEGO TECHNIC Etacstatic Turbo (8205) drag racers were won by:

Daniel Linton, Ipswich
Helen Ward, Alfreton
Kenny Mortensen, Thetford
Robbie Lloyd Jones, Liangollen
Christopher Allan, Pontefract

David Henwood, Kilcraggan
Paul Byers, Girvan
Seamus McDonagh, Ryde
Christopher Charles, Beaminstor and
Andrew Brown, Gosforth

TECHNIC

TECHNIC



LETTER CHANGE

Solve the clues below, in order, changing one letter of your answer each time to make a new word to fit the next clue. When you get round to clue 12, you'll find that its answer is also just one letter different from the first answer - LATE.

- | | |
|----------------------|-----------------------------|
| 1 Not early | 7 Man |
| 2 Friend, chum | 8 Digging animal |
| 3 Day on a calendar | 9 We used to hold a tent up |
| 4 Pantomime woman | 10 With your party |
| 5 Similar | 11 Strong wind |
| 6 Goods sold cheaply | 12 Entrance to a garden |



IT ALL ADDS UP!

The answers to all these clues are numbers and they should be written in the circles A, B, C and D.

Now add all these numbers together and write your total in the centre circle. If you do this correctly, you'll find that this total is the number of days in a leap year.



- | | | | |
|--|--------------------------------------|--|---|
| A The number of minutes in three hours | B The queen's age on April 21st 1996 | C The number of stars on the European flag | D The number of dalmatians in the Disney film |
|--|--------------------------------------|--|---|

LEGO CLUB SHOP TECHNIC



22036



22038



22028



22037



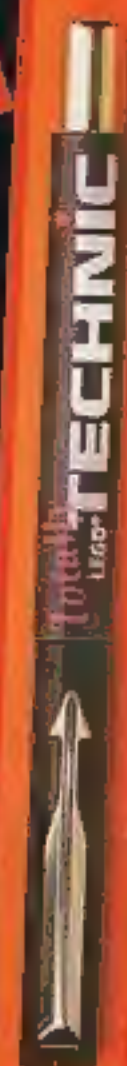
22035



22039



22015



22027

ORDER FORM

ITEM NUMBER	QUANTITY	PRICE PER ITEM	TOTAL PRICE
POSTAGE & PACKING			£1.00
TOTAL			

MEMBERSHIP NUMBER _____

NAME _____

ADDRESS _____

POSTCODE _____

Cheque/Postal Order should be made payable to: LEGO U.K. LIMITED or please charge my Access/Visa

Card no: _____ Expiry date _____

Cardholders signature _____

Send to The LEGO TECHNIC Club Shop, Wrexham, LL13 7TQ

Please allow 30 days for delivery

CLUB SHOP items

ITEM DESCRIPTION	PRICE
22027 Totally TECHNIC Pen (2 FREE Stick Pens with each pen purchase)	£3.95
"Dare You Enter..." T-SHIRT	
22028 Youth size (34")	£5.75
22029 Small Adult (36")	£6.75
22030 Medium Adult (38")	£6.75
22031 Large Adult (40")	£6.75
22015 LEGO TECHNIC Cap	£1.95
22035 TECHNO Fan Badge	95p
NEW LEGO TECHNIC Football 22036	£9.99
NEW LEGO TECHNIC Club Wallet 22037	£1.99
NEW LEGO TECHNIC Bicycle Bag 22038	£5.99
NEW LEGO TECHNIC Club Keyring 22039	99p